Protection Panels

Key Features

- High density panels save rack space
- The patented Emerson silo protector block improves attenuation, cross talk and insulation resistance
- Connectorized and non-connectorized versions are available
- Gold-plated protector module sockets provide superior electrical contact and eliminate noise problems

Protect sensitive electronic equipment from overvoltages in central office, building entrance and remote terminal applications.

Description

Protection panels protect sensitive electronic equipment from overvoltages in indoor racks and outdoor remote terminals. These front access protection panels are configured for industry standard 5-pin protector modules (sold separately). Connectorized and non connectorized versions are available for installation on 19-in. or 23-in. racks.

Application

Protector panels are used in central office, building entrance and remote terminal applications and can be rack mounted to protect personnel and equipment from abnormal voltages and currents (ie., lightning strikes, on incoming cable pairs).

Note: Other protection panels, as well as connectorized and non-connectorized custom configurations can be provided. Call Emerson for additional information.

PROT23100NW

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Ordering Information – Connectorized

Catalog Number	Part Number	Equipment Side Cable Length	Equipment Side Connector Type	Field Side Cable Length	Field Side Connector Type	Figure Number
Connectorized Protection Panels for 19" Racks (3.47"H x 19"W x 1.57"D) 100-pr. protection panel with 25-pr. 24AWG cable on both the equipment and field side						
PROT100AC3W3MGP	F1005793	3-ft.	AMP RJ21 Plug	3-ft.	3M 4005-DPM (MS2), Dry	1
PROT100AC3GR	F1007688	3-ft.	AMP RJ21 Receptacles	3-ft.	AMP RJ21 Receptacles	1
100DIG3M40054	F003041	4-ft.	3M 4005-DPM (MS2), Dry	5-ft. 2-in.	3M 4005-DPM (MS2), Dry	1
100DIGNTMA	F1001738	14-ft.	AMP RJ21 Receptacles	14-ft.	3M 4005-DPM (MS2), Dry	1
PNL100PRPROT	F989050	5-ft. 2-in.	710, Dry	4-ft.	710, Gel-Filled	1
100PROCAT5EPROTPNL	F1008027*	10-ft.	AMP RJ21 Plug	5-ft.	710, Gel-Filled	1
Connectorized Protection Panels for 23" Racks (3.47"H x 23"W x 1.57"D) 100-pr. protection panel with 25-pr. 24AWG cable on the equipment side and 26AWG on the field side						
100PRPROTPNLMSPAN	F1006640	10-ft.	None	10-ft.	None	2

*Pairs 49, 50, 99 & 100 are not wired (dead pairs).

Ordering Information – Non-Connectorized

Catalog Number	Part Number	Description	H	W	D	Figure Number
Non-Connectorized, Wire-Wrap Terminated Protection Panels						
PROT19100NW	F1008036	100-pr. protection panel	3.47"	19"	3"	1
PROT23100NW	F1007915	100-pr. protection panel	3.47"	23"	3"	2
PROT19200NW	F1008046	200-pr. protection panel	6.63"	19"	3"	3

Accessories

Catalog Number	Part Number	Description
RACKADAPTKIT	F1008503	Bracket adapter kit for mounting 19" protection panel (100-pr. only) onto 23" rack

Diagrams

Figure 1

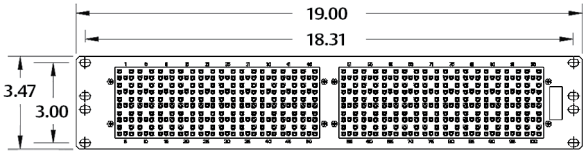


Figure 2

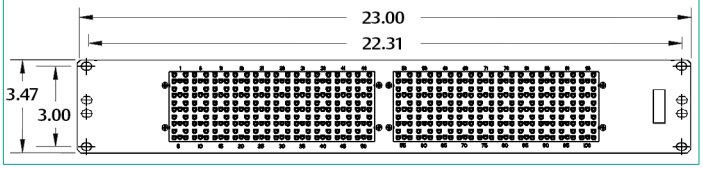
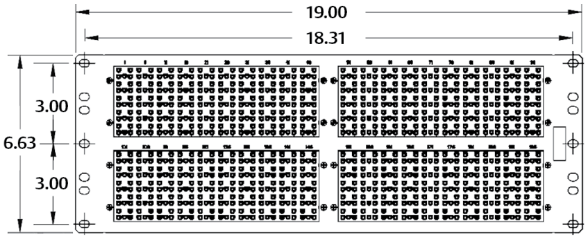


Figure 3



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